

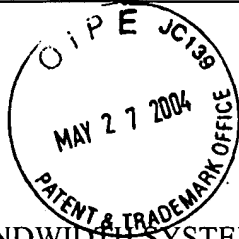
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Miller

Serial No.: 09/684,401

Filed: October 10, 2000

Title: ULTRA WIDE BANDWIDTH SYSTEM  
AND METHOD FOR FAST  
SYNCHRONIZATION USING SUB-  
CODE SPINS



Atty. Dkt.: XSI.019/10X-206

Group Art Unit: 2631

Examiner: Burd, Kevin M.

#12

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Technology Center 2600

Commissioner for Patents  
Arlington, VA 22202

Date: May 27, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the references listed on the attached Form PTO-1449 are being brought to the attention of the Examiner without any admission that they constitute statutory prior art, or without any admission that they contain subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

The Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed references have been considered and made of record.

As a first Office Action on the merits has been mailed in the above identified application, the fee due under 37 C.F.R. 1.17(p) is enclosed. Please charge any additional fee to Applicant's attorney's Deposit Account No. 50-1147.

Respectfully submitted,

05/28/2004 3DIRETRI 00000005 09684401

01 FC:1606

180.00 DP

David G. Posz  
Reg. No. 37,701

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FORM PTO-1449  MAY 27 2004 PATENT & TRADEMARK OFFICE	ATTY. DKT NO.	XSI.019/10X-206	SER. NO.	09/684,401
	APPLICANT	Miller		
	FILING DATE	October 10, 2000	GROUP	2631

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	AA	6,351,246	02/26/02	McCorkle		
	AB	6,505,032	01/07/03	McCorkle		
	AC	6,700,939	02/04/04	McCorkle		
	AD	6,735,238	05/11/04	McCorkle		
	AE	60/207,225	05/26/00	McCorkle		
	AF	60/217,099	07/10/00	Miller		
	AG	09/633,815	08/07/00	McCorkle		
	AH	60/238,466	10/10/00	McCorkle		
	AI	09/684,782	10/10/00	McCorkle		
	AJ	09/685,195	10/10/00	Miller		
	AK	09/685,196	10/10/00	Miller		
	AL	09/685,197	10/10/00	Miller		
	AM	09/685,198	10/10/00	McCorkle		
	AN	09/685,199	10/10/00	McCorkle		
	AO	09/685,200	10/10/00	McCorkle		
	AP	09/685,202	10/10/00	Rofheart		
	AQ	09/685,203	10/10/00	Miller		
	AR	09/685,205	10/10/00	McCorkle		

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## FOREIGN PATENT DOCUMENTS

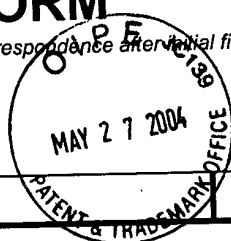
## TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO

\* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office)  
English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)



Application Number	09/684,401
Filing Date	October 10, 2000
First Named Inventor	Miller
Group Art Unit	2631
Examiner Name	Burd, Kevin M.
Attorney Docket Number	XSI.019/10X-206

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## ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☐ Amendment / Response
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition Routing Slip (PTO/SB/69) and Accompanying Petition
- ☐ To Convert a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Small Entity Statement
- ☐ Request of Refund

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Additional Enclosure(s) (please identify below):

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Posz &amp; Bethards, PLC

Signature

Date

May 27, 2004

# FEE TRANSMITTAL for FY 2004

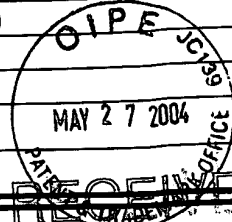
Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**180**

Complete if Known

Application Number **09/684,401**  
Filing Date **October 10, 2000**  
First Named Inventor **Miller**  
Examiner Name **Burd, Kevin M.**  
Art Unit **2631**  
Attorney Docket No. **XSI.019/10X-206**



## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit Account Number  
Deposit Account Name

**50-1147**

**POSZ & BETHARDS, PLC**

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
-20**=	0 X	18	
Independent Claims	-3**=	0 X	86
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)**0**

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**180**

## SUBMITTED BY

Name (Print/Type)

**DAVID G. POSZ**

Signature

*David G. Posz*

Registration No.  
(Attorney/Agent)

**37,701**

Complete (if applicable)

Telephone

**(703) 707-9110**

Date

**May 27, 2004**

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.